

flabavg

PRODUCT TESTING LABORATORY
Final Laboratory Averages Report

Philip Morris USA
Confidential

Report Date.: 01/30/98 3:01 PM
 Request.....: MA97-2
 Submitter...: E.Chambers/J.Garman
 Request Type: inh
 Activity : T00107

Reported By...: WINSTON, NITA
 Date Submitted: 10/22/97
 Date Received.: 10/22/97
 Date Completed: 11/19/97
 Approved By...: HUGHES, SANDRA

Description.: MASSACHUSETTS COMPLIANCE - TEST BRANDS MORE THAN 5% MARKET SHARE FOR
MA.COMPLIANCE

Test Categories/Tests	MR8B				MRM8B			
	Target	Average	StdDev	N	Target	Average	StdDev	N
Smoke								
FTC Butt Length, mm		34.0				39.0		
MA Tar, mg/cig		31.9	0.86	20		27.3	0.83	20
MA TPM, mg/cig		45.8	1.46	20		37.9	1.40	20
MA Nicotine, mg/cig		2.20	0.071	20		1.92	0.047	20
MA Water, mg/cig		11.72	0.709	20		8.66	0.653	20
MA Puffs/Cig		13.3	0.27	20		12.9	0.28	20
Tar/Puff, mg		2.4				2.1		
pH		5.41	0.010	3		5.38	0.010	3
MA CO, mg/cig		29.7	0.98	19		27.1	1.00	20
Filter								
Tipping Paper Length, mm		31.0	0.00	20		36.0	0.00	20
Ventilation, %		12	3.1	100		20	2.6	100
Filler								
Tobacco Weight, g		0.839	0.0059	4		0.800	0.0044	4
CDC Nicotine, mg/cig		14.82	0.121	3		14.60	0.169	3
Test Categories/Tests	ML8B				ML8MB			
	Target	Average	StdDev	N	Target	Average	StdDev	N
Smoke								
FTC Butt Length, mm		39.0				39.0		
MA Tar, mg/cig		24.3	0.62	20		22.8	0.83	20
MA TPM, mg/cig		33.2	1.27	20		30.6	1.56	20
MA Nicotine, mg/cig		1.71	0.045	20		1.60	0.083	20
MA Water, mg/cig		7.13	0.687	20		6.20	0.767	20
MA Puffs/Cig		13.4	0.34	20		12.9	0.33	20
Tar/Puff, mg		1.8				1.8		
pH		5.38	0.035	3		5.36	0.016	3
MA CO, mg/cig		26.5	0.67	20		25.6	0.85	20
Filter								
Tipping Paper Length, mm		36.0	0.00	20		36.0	0.00	20
Ventilation, %		28	3.8	100		30	4.0	100
Filler								
Tobacco Weight, g		0.794	0.0053	4		0.769	0.0010	4
CDC Nicotine, mg/cig		14.43	0.148	3		14.23	0.142	3

Notations:

MR8B - MARLBORO 10020'S (BOX)
 MRM8B - MARLBORO MEDIUM 100 20'S (BOX)
 ML8B - MARLBORO LIGHTS 100 20'S (BOX)
 ML8MB - MARLBORO LIGHTS MENTHOL 100 20'S (BOX)

SEE PAGE 2 FOR THE CDC NICOTINE DISCLAIMER

All tests were conducted in the Philip Morris U.S.A. Research and Development Product Testing Laboratory. The above test results relate to the samples submitted to this laboratory during the stated time period. Extrapolation outside this time period is not appropriate.

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The specified CDC protocol cited in the Federal Register/Vol. 62. No. 85, 24115 through 24119, Standards Addition Assay, II.B.1.through 12., was followed as written and results reported with specified recovery correction, II.D.8.
In II.B.2., instructions and calculations related to the nicotine and internal standard concentrations are in error.

cc:

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